

Question	Answer	Mark	Mark scheme	Additional guidance
19	0.204	P1	<p>for a process to find a correct product,</p> <p>eg $P(\mathbf{A} \text{ plays } \mathbf{C} \text{ in the final}) = 0.6 \times 0.2 (= 0.12)$ or $P(\mathbf{A} \text{ plays } \mathbf{D} \text{ in the final}) = 0.6 \times 0.8 (= 0.48)$</p> <p>or $P(\mathbf{A} \text{ wins against } \mathbf{B} \text{ and } \mathbf{C}) = 0.6 \times 0.5 (= 0.3)$ or $P(\mathbf{A} \text{ wins against } \mathbf{B} \text{ and } \mathbf{D}) = 0.6 \times 0.3 (= 0.18)$</p>	<p>Could work with fractions</p> <p>Could be seen as part of a correct triple product</p>
		P1	<p>for a process to find the probability of A winning against C or winning against D in the final,</p> <p>eg $P(\mathbf{A} \text{ wins against } \mathbf{C} \text{ in the final}) = "0.12" \times 0.5 (= 0.06)$ or $P(\mathbf{A} \text{ wins against } \mathbf{D} \text{ in the final}) = "0.48" \times 0.3 (= 0.144)$</p> <p>or $P(\mathbf{A} \text{ wins against } \mathbf{C} \text{ in the final}) = "0.3" \times 0.2 (= 0.06)$ or $P(\mathbf{A} \text{ wins against } \mathbf{D} \text{ in the final}) = "0.18" \times 0.8 (= 0.144)$</p>	
		P1	<p>for a complete process,</p> <p>eg $P(\mathbf{A} \text{ wins the tournament}) = "0.06" + "0.144"$</p>	
		A1	for 0.204 oe	